

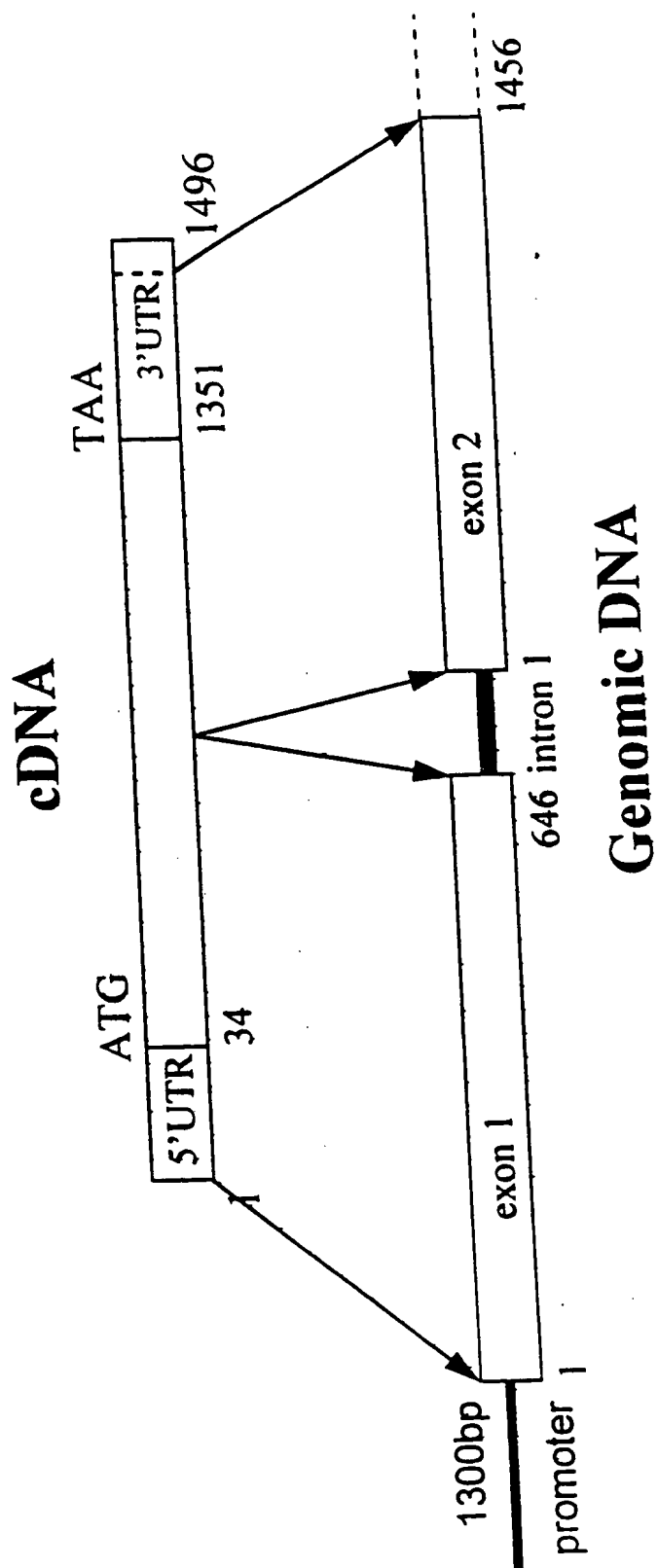
FIGURE 1

FIGURE 2

		10	20	30	40	50	
MOUSE-X1.DNA	1	ATGAGGCTTC	CTGGTTGGTT	GTGGCTGAGT	TCTGCCGTCC	TCGCTGCCTG	50
HUMAN-X1.DNA	1	ATGAAGCTGG	CTAACTGGTA	CTGGCTGAGC	TCAGCTGTTC	TTGCCACTTA	50
		60	70	80	90	100	
MOUSE-X1.DNA	51	CCGAGC---G	GTGGAGGAGC	ACAACCTGAC	TGAGGGGCTG	GAGGATGCCA	100
HUMAN-X1.DNA	51	CGGTTTTTTG	GTTGTGGCAA	ACAATGAAAC	AGAGGAAATT	AAAGATGAAA	100
		110	120	130	140	150	
MOUSE-X1.DNA	101	GCGCCCAGGC	TGCCTGCCCC	GCGAGGCTGG	AGGGCAGCGG	GAGGTGCGAG	150
HUMAN-X1.DNA	101	GAGCAAAGGA	TGTCTGCCCA	GTGAGACTAG	AAAGCAGAGG	GAAATGCGAA	150
		160	170	180	190	200	
MOUSE-X1.DNA	151	GGGA---GCC	AGTGCCCCCT	CCAGCTCACC	CTGCCCACGC	TGACCATCCA	200
HUMAN-X1.DNA	151	GAGGCAGGGG	AGTGCCCCCTA	CCAGGTAAGC	CTGCCCCCTT	TGACTATTCA	200
		210	220	230	240	250	
MOUSE-X1.DNA	201	GCTCCCGCGG	CAGCTTGGCA	GCATGGAGGA	GGTGCTCAAA	GAAGTGCGGA	250
HUMAN-X1.DNA	201	GCTCCCGAAG	CAATTCAGCA	GGATCGAGGA	GGTGTTCAAA	GAAGTCCAAA	250
		260	270	280	290	300	
MOUSE-X1.DNA	251	CCCTCAAGGA	AGCAGTGGAC	AGTCTGAAGA	AATCCTGCCA	GGACTGTAAG	300
HUMAN-X1.DNA	251	ACCTCAAGGA	AATCGTAAAT	AGTCTAAAGA	AATCTTGCCA	AGACTGCAAG	300
		310	320	330	340	350	
MOUSE-X1.DNA	301	TTGCAGGCTG	ACGACCATCG	AGATCCCGGC	GGGAATGGAG	GG-----	350
HUMAN-X1.DNA	301	CTGCAGGCTG	ATGACAACGG	AGACCCAGGC	AGAAACGGAC	TGTTGTTACC	350
		360	370	380	390	400	
MOUSE-X1.DNA	351	-AAT---GGA	GC---AGAGA	CAGCCGAGGA	CAGTAGAGTC	CAGGAAGTGG	400
HUMAN-X1.DNA	351	CAGTACAGGA	GCCCCGGGAG	AGGTTGGTGA	TAACAGAGTT	AGAGAATTAG	400
		410	420	430	440	450	
MOUSE-X1.DNA	401	AGAGTCAGGT	GAACAAGCTG	TCCTCAGAGC	TGAAGAATGC	AAAGGACCAG	450
HUMAN-X1.DNA	401	AGAGTGAGGT	TAACAAGCTG	TCCTCTGAGC	TAAAGAATGC	CAAAGAGGAG	450
		460	470	480	490	500	
MOUSE-X1.DNA	451	ATCCAGGGGC	TGCAGGGGCG	CCTGGAGACG	CTCCATCTGG	TAAATATGAA	500
HUMAN-X1.DNA	451	ATCAATGTAC	TTCATGGTCG	CCTGGAGAAG	CTGAATCTTG	TAAATATGAA	500
		510	520	530	540	550	
MOUSE-X1.DNA	501	CAACATTGAG	AACTACGTGG	ACAACAAAGT	GGCAAATCTA	ACCGTTGTGG	550
HUMAN-X1.DNA	501	CAACATAGAA	AATTATGTTG	ACAGCAAAGT	GGCAAATCTA	ACATTTGTTG	550
		560	570	580	590	600	
MOUSE-X1.DNA	551	TCAACAGTTT	GGATGGCAAG	TGTTCCAAGT	GTCCCAGCCA	AGAACACATG	600
HUMAN-X1.DNA	551	TCAATAGTTT	GGATGGCAAA	TGTTCAAAGT	GTCCCAGCCA	AGAACAAATA	600
		610	620	630	640	650	
MOUSE-X1.DNA	601	CAGTCACAGC	CGG.....	.....	.....	.....	650
HUMAN-X1.DNA	601	CAGTCACGTC	CAG.....	.....	.....	.....	650

FIGURE 3

		10	20	30	40	50	
MOUSE-X2.DNA	1	TTCAACATCT	AATATACAAA	GATTGTTCCG	ACCACTACGT	GCTAGGAAGG	50
HUMAN-X2.DNA	1	TTCAACATCT	AATATATAAA	GATTGCTCTG	ACTACTACGC	AATAGGCAAA	50
		60	70	80	90	100	
MOUSE-X2.DNA	51	AGAAGCAGTG	GGGCCTACAG	AGTTACCCCT	GATCACAGAA	ACAGCAGCTT	100
HUMAN-X2.DNA	51	AGAAGCAGTG	AGACCTACAG	AGTTACACCT	GATCCCAAAA	ATAGTAGCTT	100
		110	120	130	140	150	
MOUSE-X2.DNA	101	TGAGGTCTAC	TGTGACATGG	AGACCATGGG	TGGAGGCTGG	ACGGTGCTGC	150
HUMAN-X2.DNA	101	TGAAGTTTAC	TGTGACATGG	AGACCATGGG	GGGAGGCTGG	ACAGTGCTGC	150
		160	170	180	190	200	
MOUSE-X2.DNA	151	AGGCTCGCCT	TGATGGCAGC	ACCAACTTCA	CCAGAGAGTG	GAAAGACTAC	200
HUMAN-X2.DNA	151	AGGCACGTCT	CGATGGGAGC	ACCAACTTCA	CCAGAACATG	GCAAGACTAC	200
		210	220	230	240	250	
MOUSE-X2.DNA	201	AAAGCCGGCT	TTGGAAACCT	TGAACGAGAA	TTTTGGTTGG	GCAACGATAA	250
HUMAN-X2.DNA	201	AAAGCAGGCT	TTGGAAACCT	CAGAAGGGAA	TTTTGGCTGG	GGAACGATAA	250
		260	270	280	290	300	
MOUSE-X2.DNA	251	AATTCATCTT	CTGACCAAGA	GTAAGGAAAT	GATTTTGAGA	ATAGATCTTG	300
HUMAN-X2.DNA	251	AATTCATCTT	CTGACCAAGA	GTAAGGAAAT	GATTCTGAGA	ATAGATCTTG	300
		310	320	330	340	350	
MOUSE-X2.DNA	301	AAGACTTTAA	TGGTCTCACA	CTTTATGCCT	TGTATGATCA	GTTTTATGTG	350
HUMAN-X2.DNA	301	AAGACTTTAA	TGGTGTGCGA	CTATATGCCT	TGTATGATCA	GTTTTATGTG	350
		360	370	380	390	400	
MOUSE-X2.DNA	351	GCTAATGAAT	TTCTCAAATA	CCGATTACAC	ATCGGTAAC	ACAATGGCAC	400
HUMAN-X2.DNA	351	GCTAATGAGT	TTCTCAAATA	TCGTTTACAC	GTTGGTAAC	ATAATGGCAC	400
		410	420	430	440	450	
MOUSE-X2.DNA	401	GGCAGGGGAT	GCCTTGCGTT	TCAGTCGACA	CTACAACCAT	GACCTGAGGT	450
HUMAN-X2.DNA	401	AGCTGGAGAT	GCATTACGTT	TCAACAAACA	TTACAACCAC	GATCTGAAGT	450
		460	470	480	490	500	
MOUSE-X2.DNA	451	TTTTTCAAC	CCCAGACAGA	GACAACGATC	GGTACCCCTC	TGGGAACGTG	500
HUMAN-X2.DNA	451	TTTTTCAACC	TCCAGATAAA	GACAATGATC	GATATCCTTC	TGGGAACGTG	500
		510	520	530	540	550	
MOUSE-X2.DNA	501	GGGCTCTATT	ACAGCTCAGG	CTGGTGGTTT	GATTCATGTC	TCTCTGCCAA	550
HUMAN-X2.DNA	501	GGGCTGTACT	ACAGTTCAGG	CTGGTGGTTT	GATGCATGTC	TTTCTGCAAA	550
		560	570	580	590	600	
MOUSE-X2.DNA	551	CTTAAATGGC	AAATATTACC	ACCAGAAATA	CAAAGGTGTC	CGTAATGGGA	600
HUMAN-X2.DNA	551	CTTAAATGGC	AAATATTATC	ACCAAAAATA	CAGAGGTGTC	CGTAATGGGA	600
		610	620	630	640	650	
MOUSE-X2.DNA	601	TTTTCTGGGG	CACCTGGCCT	GGTATAAACC	AGGCACAGCC	AGGTGGCTAC	650
HUMAN-X2.DNA	601	TTTTCTGGGG	TACCTGGCCT	GGTGTAAAGT	AGGCACACCC	TGGTGGCTAC	650
		660	670	680	690	700	
MOUSE-X2.DNA	651	AAGTCCTCCT	TCAAACAGGC	CAAGATGATG	ATTAGGCCCA	AGAATTTCAA	700
HUMAN-X2.DNA	651	AAGTCCTCCT	TCAAAGAGGC	TAAGATGATG	ATCAGACCCA	AGCACTTTAA	700
		710	720	730	740	750	
MOUSE-X2.DNA	701	GCCATAA...	.....	.....	.....	.....	750
HUMAN-X2.DNA	701	GCCATAA...	.....	.....	.....	.....	750

10	20	30	40	50	60
ATCACTCTGT	TCATTCCTCC	AGGTATTTCGT	TATCTAATAG	GGCAATTAAT	TCCTTCAGCA
70	80	90	100	110	120
CTTTAGAATA	TGCCTTGTTT	CATATTTTTC	ATAGCTAAAA	AATGCCTTGT	TTCATATTTT
130	140	150	160	170	180
TCATAGCTAA	AAAATGATGT	CTGACGGCTA	GGTTCTTATG	CTACACAGCA	TTTGAAATAA
190	200	210	220	230	240
AGCTGAAAAA	CAATGCATTT	TAAAGGAGTC	CTTTGTTGTT	ATGCTGTTAT	CCAATGAACA
250	260	270	280	290	300
CTTGCAAGCA	ATTAGCAATA	TTGAGAATTA	TACATTAGAT	TTACAATTCT	TTTAATTTCT
310	320	330	340	350	360
ATTGAAACTT	TTTCTATTGC	TTGTATTACT	TGCTGTATTT	AAAAAATAAT	TGTTGGCTGG
370	380	390	400	410	420
GTGTGGTAGC	TCACGCCTGT	AATNCCAGCA	CTTTGGAATG	TCAAGGCAGG	CAGATCACTT
430	440	450	460	470	480
GAGGTCAGGA	GTTTGAGACC	AGCCTGGCCA	AACATGTGAA	ACGCTGTNTN	TATTAAAAAT
490	500	510	520	530	540
ACAAAAATTA	GCCGGGCATG	GTGGNACATG	CCTGTAATCC	TAGNTACTTG	GGAGGCTGAG
550	560	570	580	590	600
GCAGGAGAAT	CGCTTGAACC	TGAGAGGAAG	AGGTTGCAGT	GAGCCAAGAA	TGAGCCACTG
610	620	630	640	650	660
CACTCCAGCA	TGGGTGACAG	AGAAAACTCT	GTCTCAAACA	AAAAAATAAT	AAAATTTATT
670	680	690	700	710	720
CAGTAGGNTG	GATTCTACAC	AAAGTAATCT	GTATTTGGGC	CATGATTTAA	GCACATCTGA
730	740	750	760	770	780
AGGTATATCA	CTCTTTTCAG	GCTATAATTA	TTTGGGTAAT	CTTCATTCTG	AGACAAACTT
790	800	810	820	830	840
AATCTATATC	ATTTACTTTG	CAACAGAACA	ACCCTACAGC	ATTTTGGTTC	CCAGACTAAG
850	860	870	880	890	900
GGAACATAATA	TCTATATAAT	TAAACTTGTT	CATTTATCAT	TCATGAAATA	TAAATTCCTT
910	920	930	940	950	960
GTCATTTAAA	CCGTTTAAAA	ATGTGGTAGC	ATAATGTCAC	CCCAAAAAGC	ATTCAGAAAG
970	980	990	1000	1010	1020
CAATGTAAGT	GTGAAGACCA	GGGTTTAAAG	GTAATTCATT	TATAGTTTAT	AACTCCTTAG
1030	1040	1050	1060	1070	1080
ATGTTTGATG	TTGAAAACTG	CTTTAACATG	AA.....	.....	.....

3'UTR of hfgl2. The A at position 1 corresponds to position 1354 on the cDNA.

FIGURE 4

FIGURE 5

		10	20	30	40	50	
MOUSEPRO.AMI	1	RRPGTALS	SAVLACR-A	EEHLLGL	EASQAAI	ARLEGSER	50
HUMANPRO.AMI	1	KIANYLE	SAVLATYGFL	VANETETEI	KERAKDVI	VRLESRKCF	50
		60	70	80	90	100	
MOUSEPRO.AMI	51	-GSCHEFLT	LTTLTQLLR	LGSMEVL	EVRTLKEAVD	SLKSCQDCI	100
HUMANPRO.AMI	51	EAGEEYVS	LPLTLQLK	FSRISEVF	EVQNLKIAN	SLKSCQDCI	100
		110	120	130	140	150	
MOUSEPRO.AMI	101	LOADLHRDPC	GNG-----GN	GAETAEISV	CELESQVNI	SSELKNARDQ	150
HUMANPRO.AMI	101	LOADLNGDPC	RNGLLLPSTG	APGEVGINV	RELESQVNI	SSELKNAREE	150
		160	170	180	190	200	
MOUSEPRO.AMI	151	IQGLQSRLET	HLVNMNIE	NYVNVKANI	IVVNSLDGE	ESKCPSOHFM	200
HUMANPRO.AMI	151	INVLSRLEK	ENVNMNIE	NYVNSKANI	IVVNSLDGR	ESKCPSOHI	200
		210	220	230	240	250	
MOUSEPRO.AMI	201	DSQPVOLHIY	KDCSDHVL	RRSGAYRVI	PDHRSSFEV	YCDMETGGG	250
HUMANPRO.AMI	201	DSRPVOLHIY	KDCSYTAI	KRSSETYRVI	PDPKSSFEV	YCDMETGGG	250
		260	270	280	290	300	
MOUSEPRO.AMI	251	NTVLQARLDG	STNFTPEK	YKAGFGNI	EFWLGNDRIN	LLTKSKEMII	300
HUMANPRO.AMI	251	NTVLQARLDG	STNFTPTCI	YKAGFGNI	EFWLGNDRIN	LLTKSKEMII	300
		310	320	330	340	350	
MOUSEPRO.AMI	301	RIDLEDENGL	LYALYDOFY	VANEFLKYRI	ISNYNGTAG	DALRSRYE	350
HUMANPRO.AMI	301	RIDLEDENG	LYALYDOFY	VANEFLKYRI	ISNYNGTAG	DALRINKHYE	350
		360	370	380	390	400	
MOUSEPRO.AMI	351	HDLRFETTP	RNDRYPSGN	DGLYSSGWR	ELSLSANLR	SKYYHQYK	400
HUMANPRO.AMI	351	HDLKEFTTP	KNDRYPSGN	DGLYSSGWR	ELSLSANLR	SKYYHQYK	400
		410	420	430	440	450	
MOUSEPRO.AMI	401	VRNGIFWGT	PGINQCPG	YKSSFRQAK	AIRPNFKI*	.....	450
HUMANPRO.AMI	401	VRNGIFWGT	PGVSEHPG	YKSSFREAK	AIRPNFKI*	.....	450

FIGURE 6

	10	20	30	40	50	
MOUSEPRO.AMI	1	MRLPGWLWLS	SAVLAACR-A	VEEHNLTGL	EDASQAACP	ARLEGSGRCE 50
HUMANPRO.AMI	1	MKLANWYWLS	SAVLATYGFL	VVANNETEEI	KDERAKDVCP	VRLESRGKCE 50
	60	70	80	90	100	
MOUSEPRO.AMI	51	-GSQCPFQLT	LPTLTIQLPR	QLGSMEVLK	EVRTLKEAVD	SLKKSCQDCK 100
HUMANPRO.AMI	51	EAGECPYQVS	LPPLTIQLPK	QFSRIEEVFK	EVQNLKEIVN	SLKKSCQDCK 100
	110	120	130	140	150	
MOUSEPRO.AMI	101	LQADDHRDPG	GNG-----GN	GAETAEDSRV	QELESQVNLK	SSELKNAKDQ 150
HUMANPRO.AMI	101	LQADDNGDPG	RNGLLLPSTG	APGEVGDNRV	RELESEVNKL	SSELKNAKEE 150
	160	170	180	190	200	
MOUSEPRO.AMI	151	IQGLQGRLET	LHLVNMNIE	NYVDNKVANL	TVVVNSLDGK	CSKCPSQEHM 200
HUMANPRO.AMI	151	INV LHGRLEK	LNLVNMNIE	NYVDSKVANL	TFVVNSLDGK	CSKCPSQEQI 200
	210	220	230	240	250	
MOUSEPRO.AMI	201	QSQPVQHLYI	KDCSDHYVLG	RRSSGAYRVT	PDHRNSSFEV	YCDMETMGGG 250
HUMANPRO.AMI	201	QSRPVQHLYI	KDCSDYYAIG	KRSSETYRVT	PDPKNSSFEV	YCDMETMGGG 250
	260	270	280	290	300	
MOUSEPRO.AMI	251	WTVLQARLDG	STNFTREWKD	YKAGFGNLER	EFWLGNDKIH	LLTKSKEMIL 300
HUMANPRO.AMI	251	WTVLQARLDG	STNFTRTWQD	YKAGFGNLR	EFWLGNDKIH	LLTKSKEMIL 300
	310	320	330	340	350	
MOUSEPRO.AMI	301	RIDLEDFNGL	TLYALYDQFY	VANEFLKYRL	HIGNYNGTAG	DALRFSRHYN 350
HUMANPRO.AMI	301	RIDLEDFNGV	ELYALYDQFY	VANEFLKYRL	HVGNYNGTAG	DALRFNKHYN 350
	360	370	380	390	400	
MOUSEPRO.AMI	351	HDLRFFFTPD	RDNDRYPSGN	CGLYSSSGWW	FDSCLSANLN	GKYYHQKYKG 400
HUMANPRO.AMI	351	HDLKFFFTPD	KDNDRYPSGN	CGLYSSSGWW	FDACLSANLN	GKYYHQKYRG 400
	410	420	430	440	450	
MOUSEPRO.AMI	401	VRNGIFWGTW	PGINQAQPGG	YKSSFKQAKM	MIRPKNFKP*	..... 450
HUMANPRO.AMI	401	VRNGIFWGTW	PGVSEAHPPG	YKSSFKEAKM	MIRPKHFKP*	..... 450

FIGURE 7

[illegible]

FIGURE 8A

	10	20	30	40	50	
MOUSEPRO.DNA	1	TCGGTTTGGG	TATCATGGGA	TG-GAATGAG	AAGGGA-AAG	TAGGAGCCCG 50
HUMANPRO.DNA	1	TAGGGTTGGA	AGCCAGGTCT	CCTGAGTATG	CGAGAATAAA	TACAGTCATG 50
	60	70	80	90	100	
MOUSEPRO.DNA	51	AGAGTGCGGT	AAGACAA--G	GCATAAGGCG	TGTCTGACAA	ATTCTTCATA 100
HUMANPRO.DNA	51	GAAGTGTAAG	GAGTCTGCCA	ACATTTTGAG	AATGTGAATA	GGATTTGGC- 100
	110	120	130	140	150	
MOUSEPRO.DNA	101	CACACATTTT	CCCTTTGCAC	ATTGAGTCTG	TATAGGTTAT	TTCTATAGGA 150
HUMANPRO.DNA	101	TA-AAATTAA	GGGGATATAC	AGAAAAGTCA	TAGGAAATCA	GGTTAAAGAC 150
	160	170	180	190	200	
MOUSEPRO.DNA	151	GAAAAAAAT	ATTCAAATTC	CTGTGCACT	G-GTAACAGG	CATGAAGGCT 200
HUMANPRO.DNA	151	ATAAATATGA	GATAGGCTAC	AGAGTGTTTT	AAGTAATACA	ATAAAACATT 200
	210	220	230	240	250	
MOUSEPRO.DNA	201	CAGCAAAGCC	AATACGTGTT	ATGTCCAGTT	GGAGACAGTG	CCAGGGCCAA 250
HUMANPRO.DNA	201	TAG--ATTTT	TGCCCATGTC	A-GTCATTTT	GAAATTATTT	TTAAAGCAAA 250
	260	270	280	290	300	
MOUSEPRO.DNA	251	CATTCCAGAC	TTCTCAGATA	GAAAGTGCGC	CTGCCTGCCC	-TGCTCTGAG 300
HUMANPRO.DNA	251	AAAACC---C	TTTTTAAACA	AGAAATCTTA	TGAGATGTCA	ATATGCAAAA 300
	310	320	330	340	350	
MOUSEPRO.DNA	301	--AATTTGAA	GAGAGTAGTT	C---AGTTA	GAATTAAGAG	GCAGTAGAGA 350
HUMANPRO.DNA	301	CAAATTAATA	GGAGGTGGTT	TCTCTAACTG	AAGCTGTTC	TCTTTCCTGC 350
	360	370	380	390	400	
MOUSEPRO.DNA	351	AA--AGTCTT	GGGAAATCTG	GTTAGAGA--	TATAAATATG	AGAAGTGGAC 400
HUMANPRO.DNA	351	CTTCAGCCTC	TGAAGAGAAA	GTTAGAAAAC	TATTATCATT	AATGCTACAT 400
	410	420	430	440	450	
MOUSEPRO.DNA	401	ATGGTGGTAC	ACACCTGTGA	TCTCTGTGTT	TAGGAGGGAG	AGGCAGAGAG 450
HUMANPRO.DNA	401	GTTTTGA-AC	AAGCTGATAT	ACCAAGTGGC	CCAGAGAGC-	AGGTAGAAGA 450
	460	470	480	490	500	
MOUSEPRO.DNA	451	ATCAGGAGTT	CAAGGCCAGC	CTGAGCTACT	TGAGACCCAG	TCTAAATAAA 500
HUMANPRO.DNA	451	ACCAGCG---	TGGAGACAGA	--AAGCAA--	-GAGGCCG-G	CCTGCCAGGG 500
	510	520	530	540	550	
MOUSEPRO.DNA	501	TAAGAGATAG	ATTACAGAGT	GCCTTTAACT	AGTACAGAGA	AAGAATTTGG 550
HUMANPRO.DNA	501	CTACCTGCAG	AA-AGAAAGG	GCAAAGATGC	TGTAGGCAAG	AGAAGTTCAG 550
	560	570	580	590	600	
MOUSEPRO.DNA	551	GTTTATCTGT	GTCAGTTACG	CTGAAATAAT	TTTTAAGTAA	TAAATCCCT 600
HUMANPRO.DNA	551	GACAGACACT	GGCA--TA-G	CTCAAA-GAT	TCACATTTGA	GCAG-----C 600
	610	620	630	640	650	
MOUSEPRO.DNA	601	TTTAATAAGA	AACCTTATGA	G-GTCAGTAT	GCACAATGAA	CTTAAGAGAG 650
HUMANPRO.DNA	601	TGTGGAAGAT	GACAGTACAA	TTACCAAAT	GT-CGAAGGG	C--AAAGGAG 650
	660	670	680	690	700	
MOUSEPRO.DNA	651	ACCCCCAGCT	CCTGAGCTGA	GTGATGGGGA	AGGACAGCCA	CTGCCTGTGA 700
HUMANPRO.DNA	651	GC----AGCT	ACTGGTTT--	-TGATG---A	AAGACAATTA	TGTCCTTT-- 700
	710	720	730	740	750	
MOUSEPRO.DNA	701	TGTGTGAGTG	ACGTGCTTCC	AAGTGTTTTA	ACCACTGACG	ATTACATAGC 750
HUMANPRO.DNA	701	TAAATGGGTC	TTAGACATTT	AGACATTTAT	AT-AC--ACT	ATGCTACGGA 750
	760	770	780	790	800	
MOUSEPRO.DNA	751	CTGCACAGTC	AGGAGAAAAC	AGCCGTATTC	TCTGCCAGTT	CTCTTCCCTT 800
HUMANPRO.DNA	751	CAAAGGAAT-	AGAAAGTAGC	A-CTTTTTTC	TCCACTAGTT	TTCTTCTCTT 800
	810	820	830	840	850	
MOUSEPRO.DNA	801	TTACAAACAG	ATGAGAGACA	CACACAGAGA	ATCCATTTAA	AGAGCGGACC 850
HUMANPRO.DNA	801	TTTCAAGTAG	ATGAAGCAAA	AGT-CAACTG	CAATAGTCAG	AAAGCTGTAC 850
	860	870	880	890	900	

FIGURE 8B

MOUSEPRO.DNA	851	TTTGTTCCTGA	TTAGGGGCAA	TTTTAAGTAC	TTAAGAGTTC	ACACAAAGTC	900
HUMANPRO.DNA	851	TTTGTTCACAC	TTAGAAACTT	CTAAAAGTGC	TTAAGATTTC	ACCTGAAAGT	900
		910	920	930	940	950	
MOUSEPRO.DNA	901	TAGCCTTCAA	AAAGAAAACA	GGTTCCCAAA	----CTA---	-GGGAGGAAA	950
HUMANPRO.DNA	901	CCAACAT-GA	AGAAAATACA	GGCTCCCCAA	TGCCCCATTC	TAAGAAGAAA	950
		960	970	980	990	1000	
MOUSEPRO.DNA	951	CAGAATCATT	TCCATTTTGG	TGACATTTA-	GTGGGAAGAA	GCTCACAGAC	1000
HUMANPRO.DNA	951	AAGGACCATT	TTCATTTTGG	TAACGTTTCT	GTTCTATAGA	CAGTTTGGAT	1000
		1010	1020	1030	1040	1050	
MOUSEPRO.DNA	1001	ATTTAGACGT	TCCAACCTTT	TCCCCACTAG	TG-----G	ACCAAGT-AT	1050
HUMANPRO.DNA	1001	AACTAGCTCT	TACTTTTTTAT	CTTTAAAAAC	TGTTTTTCCA	GTGAAGTTAC	1050
		1060	1070	1080	1090	1100	
MOUSEPRO.DNA	1051	ATAATATGGT	ATCTTTTGGG	CACTGGTATT	ACAA-CTGTT	TTTTAAACAA	1100
HUMANPRO.DNA	1051	GTATAATTAT	TTACTTCAAG	CG-TAGTATA	CCAAATTACT	TTAGAAATGC	1100
		1110	1120	1130	1140	1150	
MOUSEPRO.DNA	1101	AAGACTTTCC	TTGTGCTTTA	CTAAAAAC-C	CA-GACGGTG	AATCTTGAAT	1150
HUMANPRO.DNA	1101	AAGACTTTTC	TTATACTTCA	TAAAATACAT	TATGAAAGTG	AATCTTG--T	1150
		1160	1170	1180	1190	1200	
MOUSEPRO.DNA	1151	ACAATGCGTG	GCACCCACGG	CAGGCATTCT	ATTGTGCATA	GTTTTGACTG	1200
HUMANPRO.DNA	1151	TGGCTGTGTA	CATTTGACTA	TAATAATTTT	AATGCATATT	ATTTCTATTG	1200
		1210	1220	1230	1240	1250	
MOUSEPRO.DNA	1201	ACAGGAGATG	ACAGCATTTG	GCTGGCTGCG	CTTGCTGAGG	ACCCTCTCCT	1250
HUMANPRO.DNA	1201	AGAGTAAGTT	ACAGTTTTTG	GCAAACCTGCG	TTTGATGAGG	GCTATCTCCT	1250
		1260	1270	1280	1290	1300	
MOUSEPRO.DNA	1251	CCTG-TGTG-	GCGTCTGAGA	CT-GTGATGC	AAATGCGCCC	GCCCTTTTCT	1300
HUMANPRO.DNA	1251	CTTCCTGTGC	GTTTCTAAAA	CTTGTGATGC	AAACGCTCCC	ACCCTTTTCT	1300
		1310	1320	1330	1340	1350	
MOUSEPRO.DNA	1301	GGGAACCTCAG	AACGCCTGAG	TCAGGCGGCG	GTGGCTATTA	AAGCG-----	1350
HUMANPRO.DNA	1301	GGGAACACAG	AAAGCCTGAC	TCAGGCCATG	GCCGCTATTA	AAGCAGCTCC	1350
		1360	1370	1380	1390	1400	
MOUSEPRO.DNA	1351	---CCTGGTC	AG-----GCT	GGGCT-GCCG	CACTGCAAGG	ATG.....	1400
HUMANPRO.DNA	1351	AGCCCTGCGC	ACTCCCTGCT	GGGTGAGCAG	CACTGTAAAG	ATG.....	1400

FIGURE 9A

10 20 30 40 50
 TAGGGTTGGAAGCCAGGTCTCCTGAGTATGCGAGAATAAATACAGTCATG
 60 70 80 90 100
 GAAGTGTAAGAGTCTGCCAACATTTTGAGAATGTGAATAGGATTTGGCT
 110 120 130 140 150
 AAAATTAAGGGGATATACAGAAAAGTCATAGGAAATCAGGTTAAAGACAT
 TCF1 PEA3
 160 170 180 190 200
 AAATATGAGATAGGCTACAGAGTGTTTTAAGTAATACAATAAAACATTTA
 GATA1 NF IL6
 210 220 230 240 250
 GATTTTGGCCATGTCAGTCATTTTGAAATTATTTTAAAGCAAAAAAAC
 NF IL6
 260 270 280 290 300
 CCTTTTAAACAAGAAATCTTATGAGATGTCAATATGCAAAACAAATTAA
 310 320 330 340 350
 AAGGAGGTGGTTTCTCTAACTGAAGCTGTTCTCTTTCTGCCTTCAGCC
 TCF1
 360 370 380 390 400
 TCTGAAGAGAAAAGTTAGAAAATATTATCATTAATGCTACATGTTTTGAA
 NF_E1
 410 420 430 440 450
 CAAGCTGATATACCAAGTGGCCCAGAGAGCAGGTAGAAGAACCAGCGTGG
 bHLH
 460 470 480 490 500
 AGACAGAAAGCAAGAGGCCCGCTGCCAGGGCTACCTGCAGAAAGAAAGG
 NF IL6
 510 520 530 540 550
 GCAAAGATGCTGTAGGCAAGAGAAGTTCAGGACAGACACTGGCATAGCTC
 TCF1
 560 570 580 590 600
 AAAGATTACATTTGAGCAGCTGTGGAAGATGACAGTACAATTACCAAAA
 TCF1 bHLH bHLH
 E2A
 610 620 630 640 650
 TGTCGAAGGGCAAAGGAGGCAGCTACTGGTTTGTGATGAAAGACAATTATG
 TCF1 NF IL6
 660 670 680 690 700
 TCCTTTTAAATGGGTCTTAGACATTTAGACATTTATATACACTATGCTAC
 710 720 730 740 750
 GGACAAAGGAATAGAAAGTAGCACTTTTTTCTCCACTAGTTTTCTTCTCT
 TCF1
 760 770 780 790 800
 TTTTCAAGTAGATGAAGCAAAAGTCAACTGCAATAGTCAGAAAGCTGTAC
 TCF1 bHLH

FIGURE 9B

810	820	830	840	850
TTTGTTACACTTAGAACTTCTAAAAGTGCTTAAGATTT <u>CACCTGAAACG</u>				
	TCF1		bHLH	
860	870	880	890	900
CCAACATGAAGAAAATACAGGCTCCCCAATGCCCCATTCTAAGAAGAAAA				
910	920	930	940	950
AGGACCATTTTCATTTTAGTAACGTTTCTGTTCTATAGACAGTTTGGATA				
960	970	980	990	1000
ACTAGCTCTTACTTTTTATCTTTAAAACTGTTTTTCCAGTGAAGTTACG				
1010	1020	1030	1040	1050
TATAATTATTTACTTCAAGCGTAGTATACCAAATTACTTTAGAAATGCAA				
			NF IL6	
1060	1070	1080	1090	1100
GACTTTTCTTATACTTCATAAAATACATTATGAAAGTGAATCTTGTTGGC				
		NF IL6		
1110	1120	1130	1140	1150
TGTGTACATTTGACTATAATAATTTCAATGCATATTATTTCTATTGAGAG				
	bHLH			
1160	1170	1180	1190	1200
TAAGTTACAGTTTTTGGCAAACCTGCGTTTGATGAGGGCTATCTCCTCTTC				
1210	1220	1230	1240	1250
CTGTGCGTTTCTAAAACCTTGTGATGCAAACGCTCCCACCCTTTCTGGGA				
		AABS		
1260	1270	1280	1290	1300
ACACAGAAACGCTGACTCAGGCACGTGCCGCTATTAAAGCAGCTCCAGCC				
+1	AP 1	bHLH	TATA box	
1310	1320	1330:		
CTGCGCACTCCCTGCTGGGTGAGCAGCACTGTAAAGATG				

FIGURE 10A

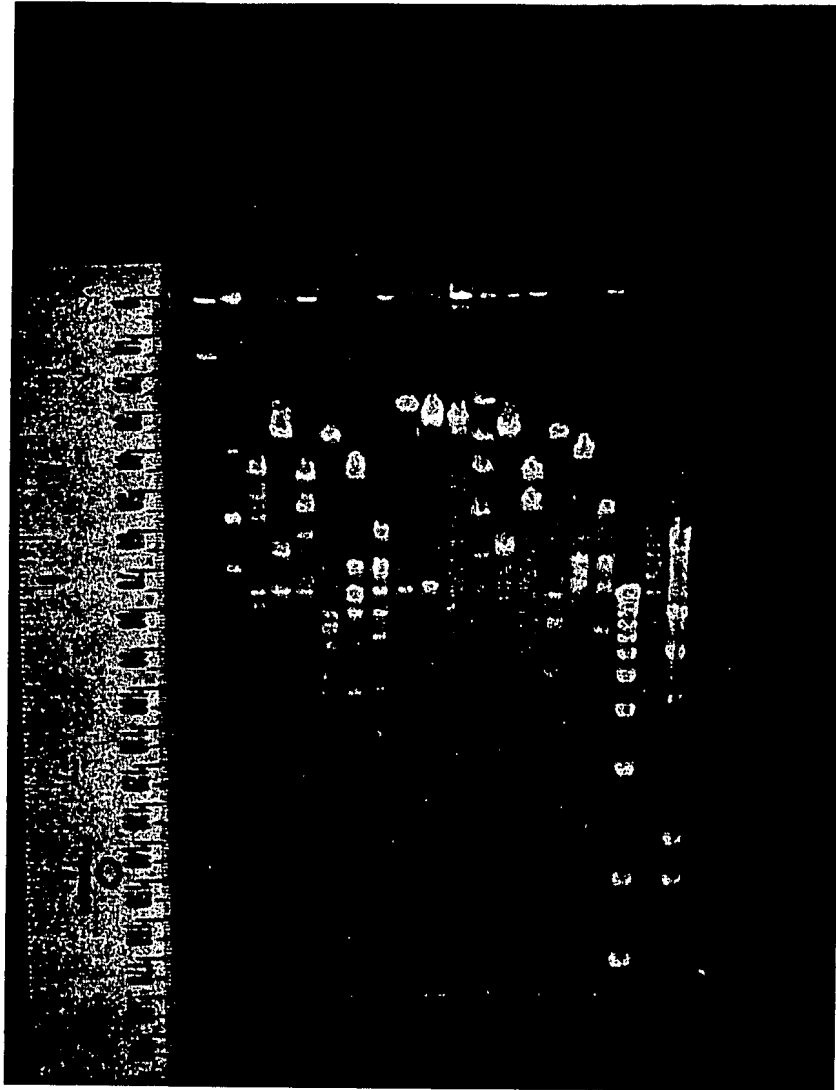


FIGURE 10B

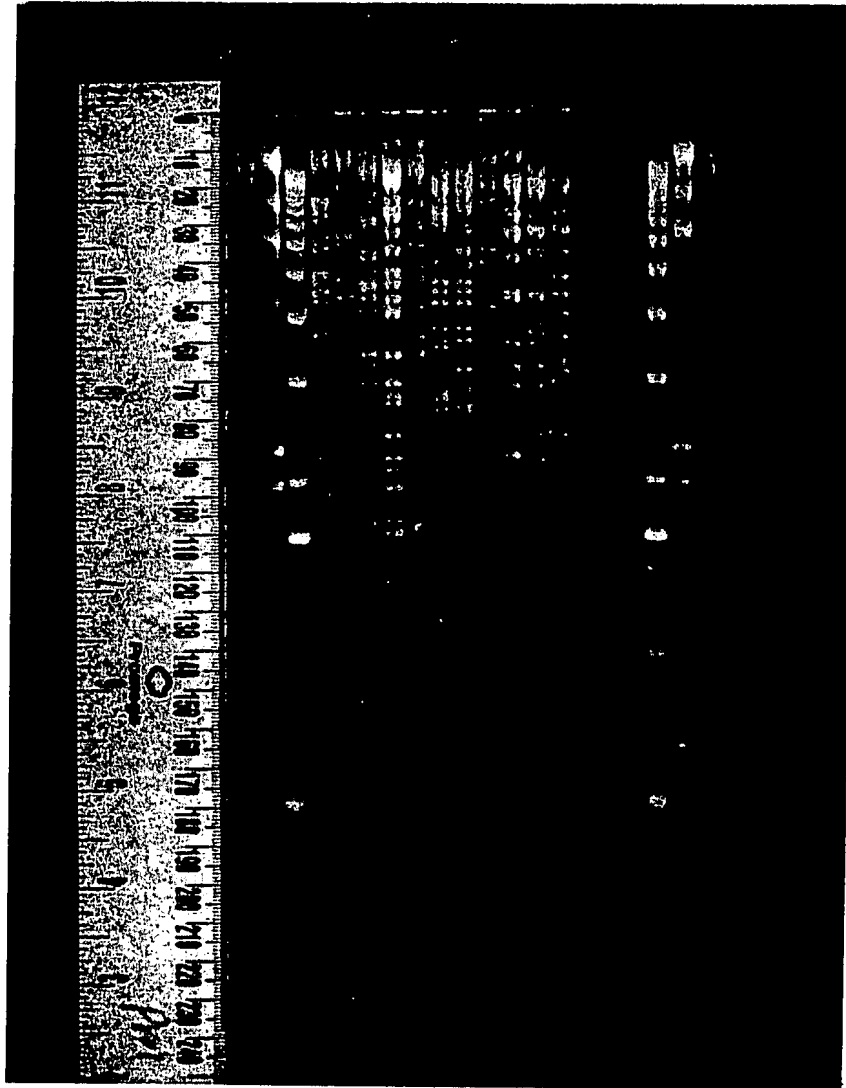


FIGURE 11

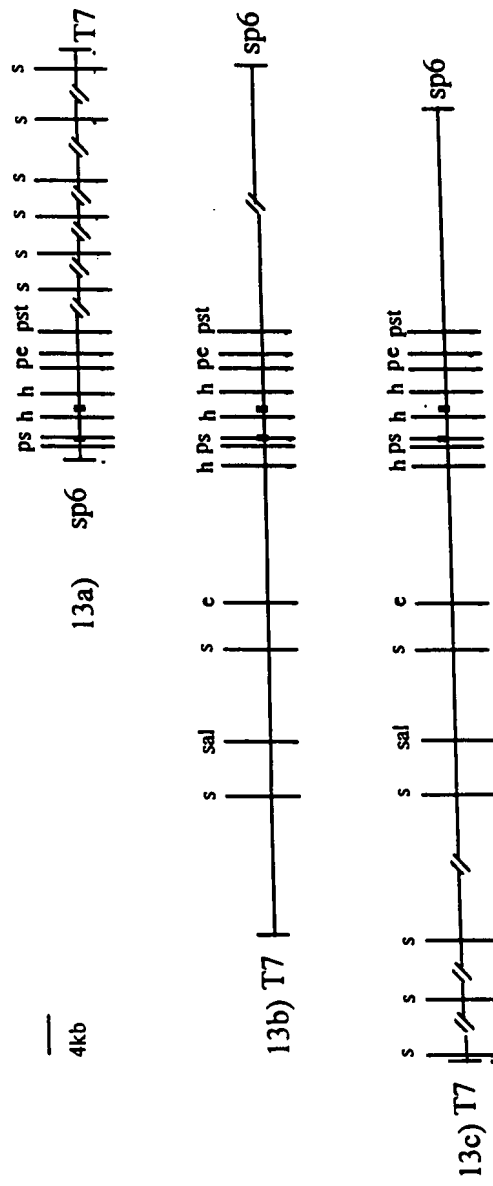


FIGURE 12
 Prevention of CsA Graft Rejection by CsA
 Alone or in Combination with Antibodies
 to Immune Coagulants

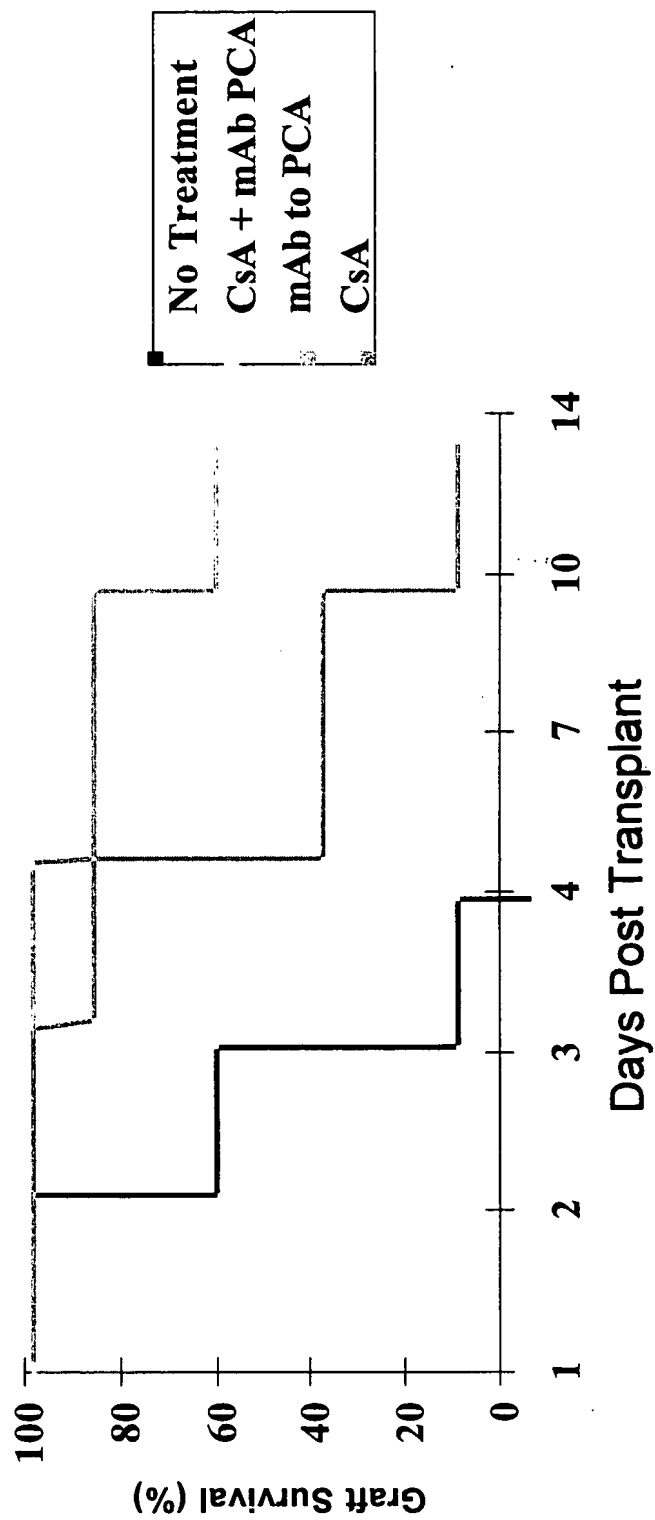


FIGURE 13

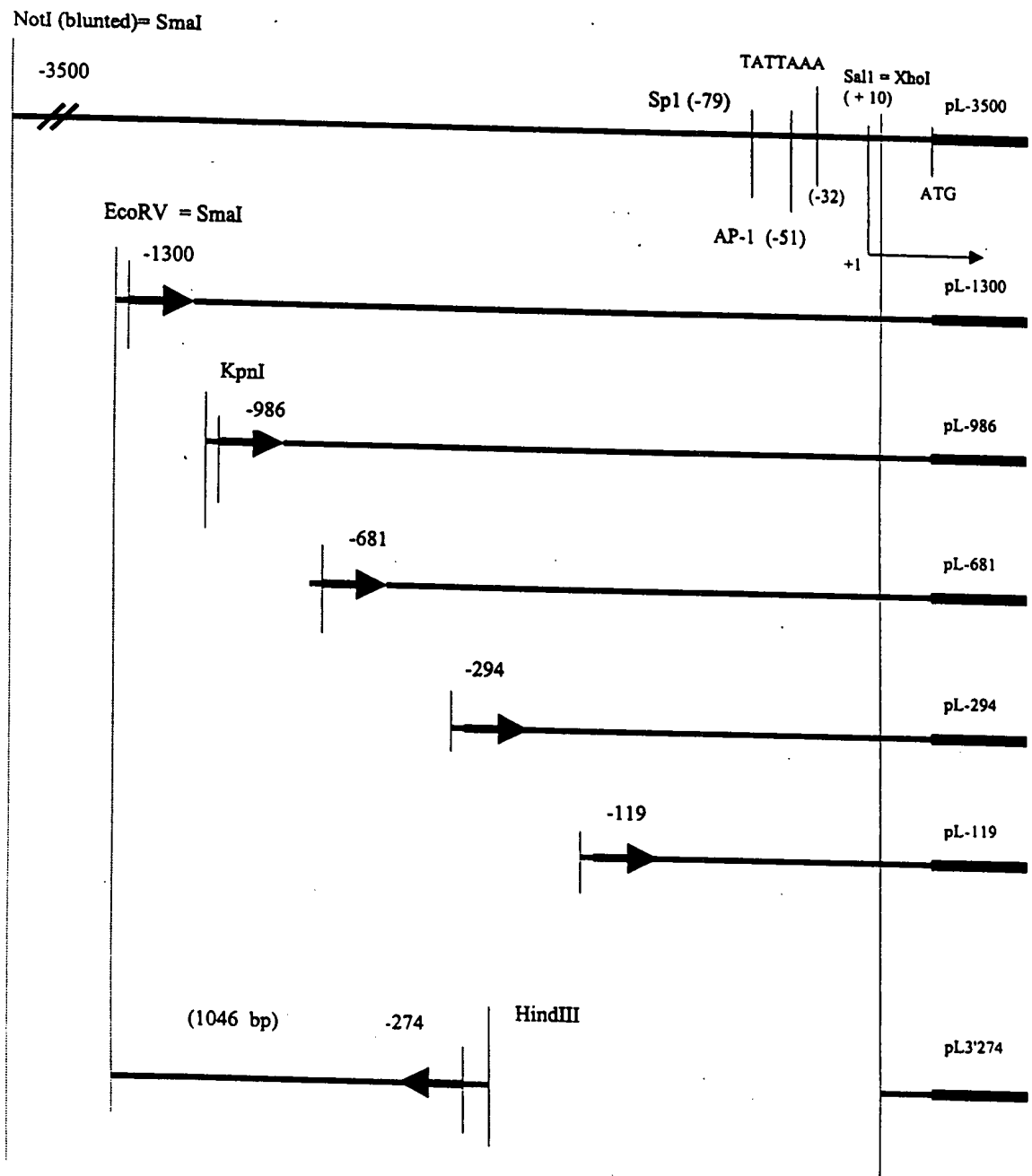


FIGURE 14

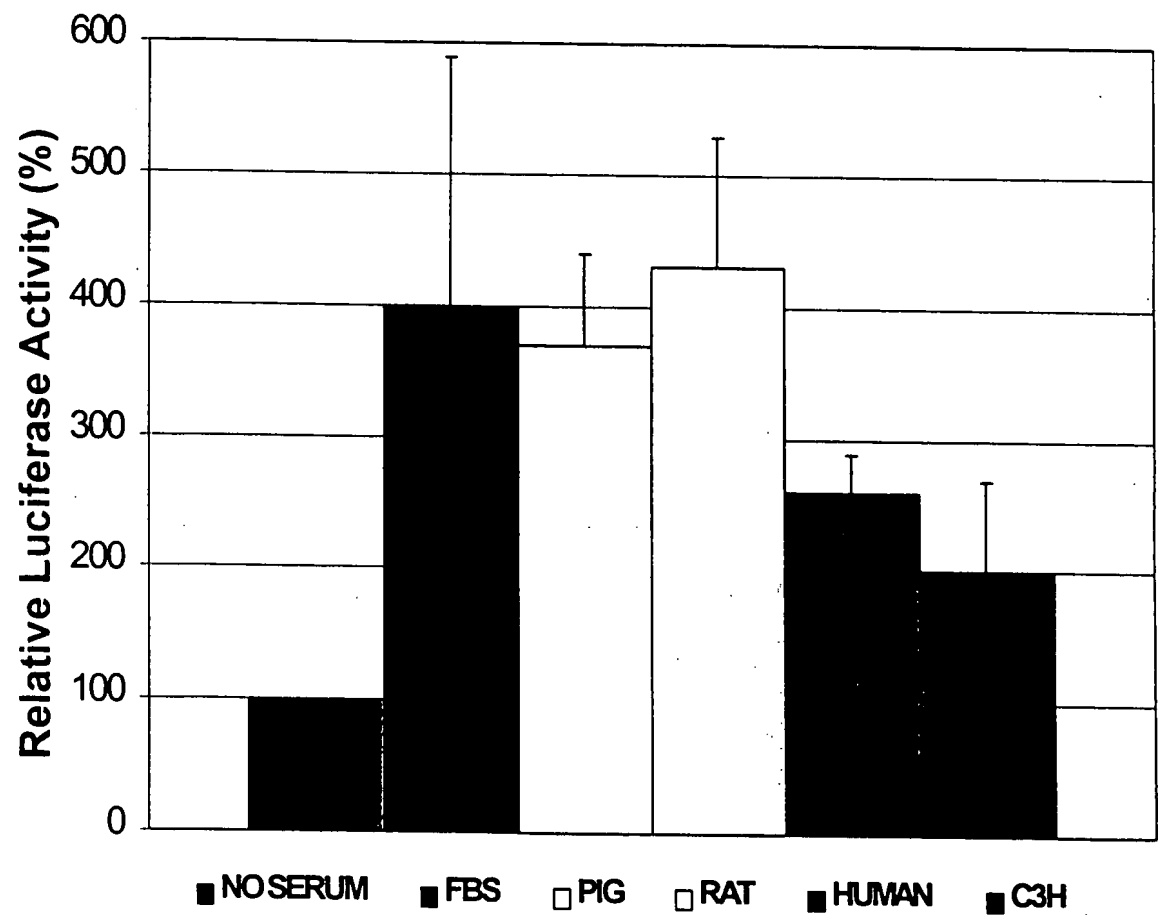


FIGURE 15

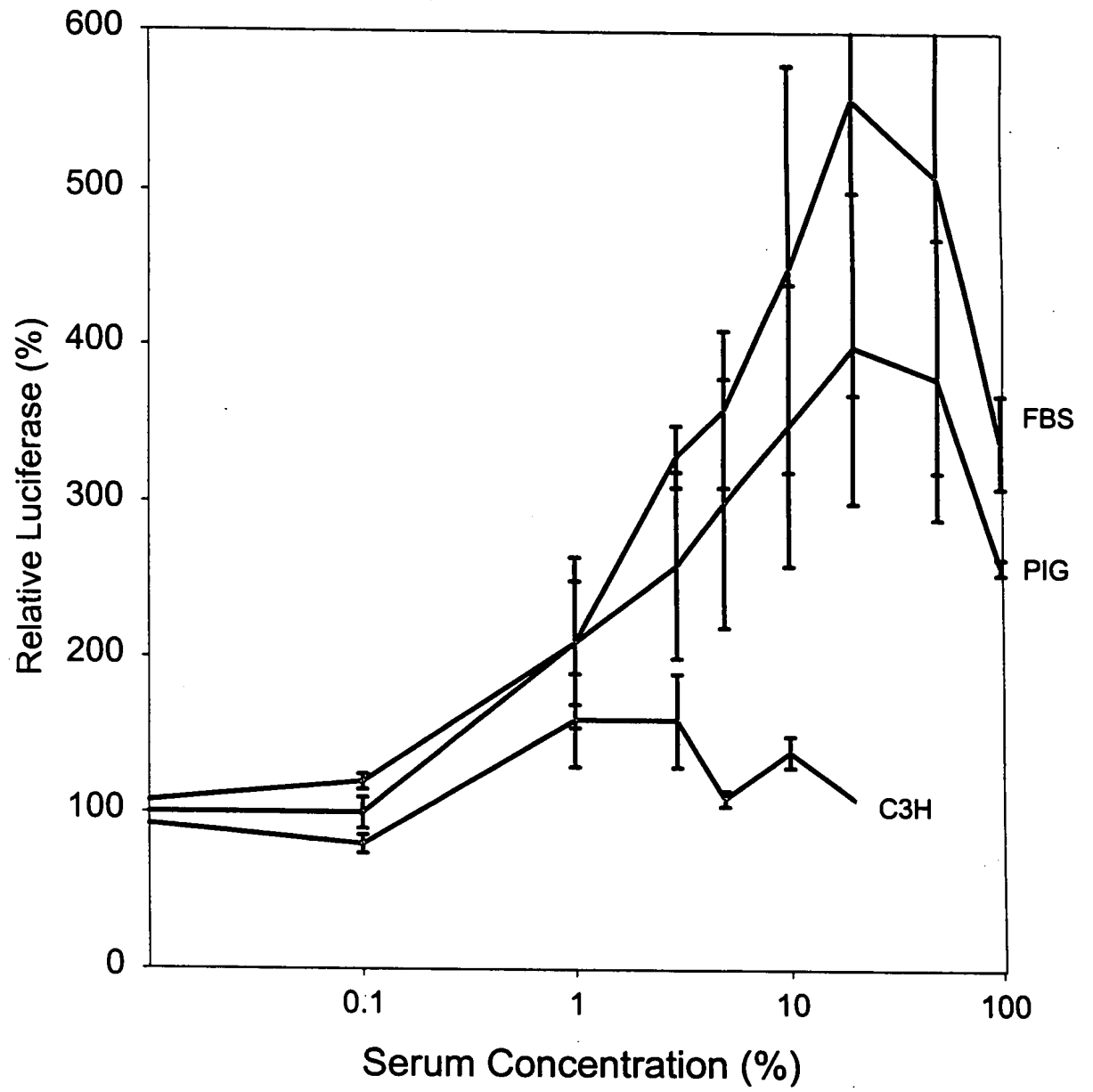
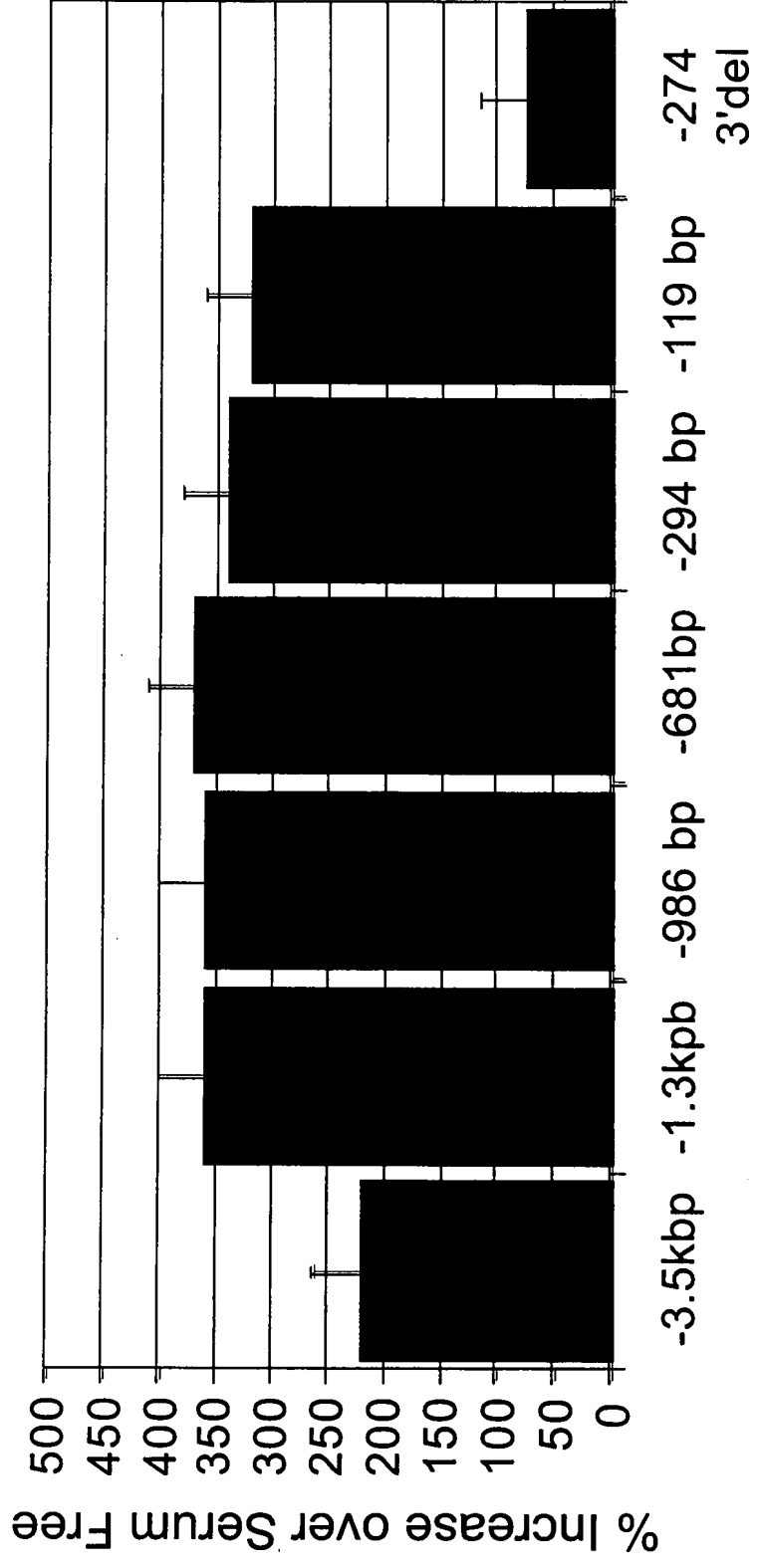


Figure 16



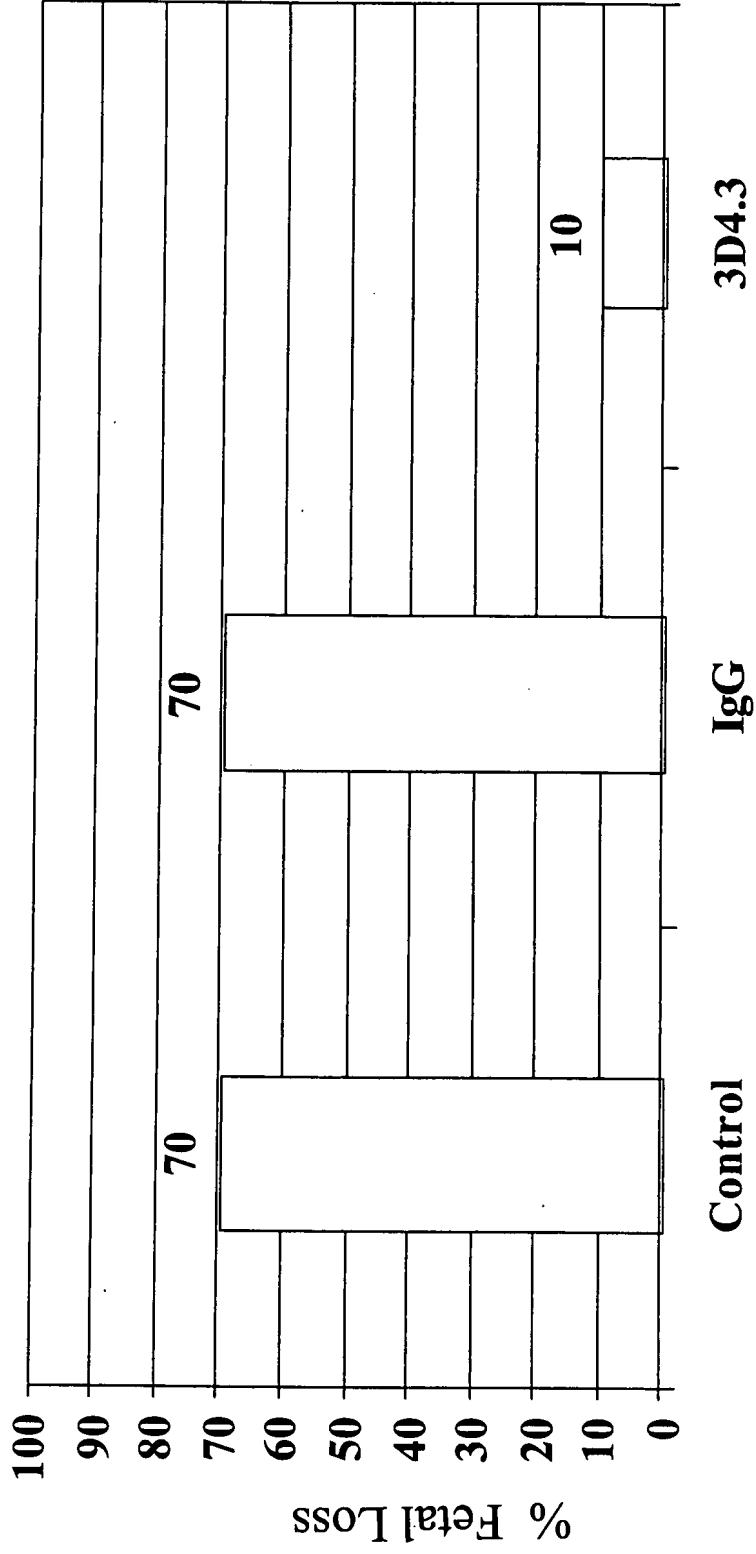
5'-- CCAAGTATAT AATATGGTAT CTTTGGGCA CTGGTATTAC AACTGTTTT -270
TAAACAAAAG ACTTTCCTTG TGCTTTACTA AAAACCCAGA CGGTGAATCT -220
TGAATACAAT GCGTGGCACC CACGGCAGGC ATTCTATTGT GCATAGTTTT -170
GACTGACAGG AGATGACAGC ATTTGGCTGC GTGCGCTTGC TGAGGACCCT -120
CTCCTCCTGT GTGGCGTCTG AGACTGTGAT GCAAATGCGC CCGCCCTTTT -70

CTGGGAACTC AGAANGCCTG AGTCAGGCGG CGGTGGCTAT TAAAGCGCCT -20

GGTCAGGCTG GGCTGCCGCA CTCCAAGG--3'

└─┐
└─┘
+1

FIGURE 18
Prevention of Fetal Loss by Monoclonal Antibody 3D4.3



Antibody (10 µg/day I.V. given for 14 days

FIGURE 19

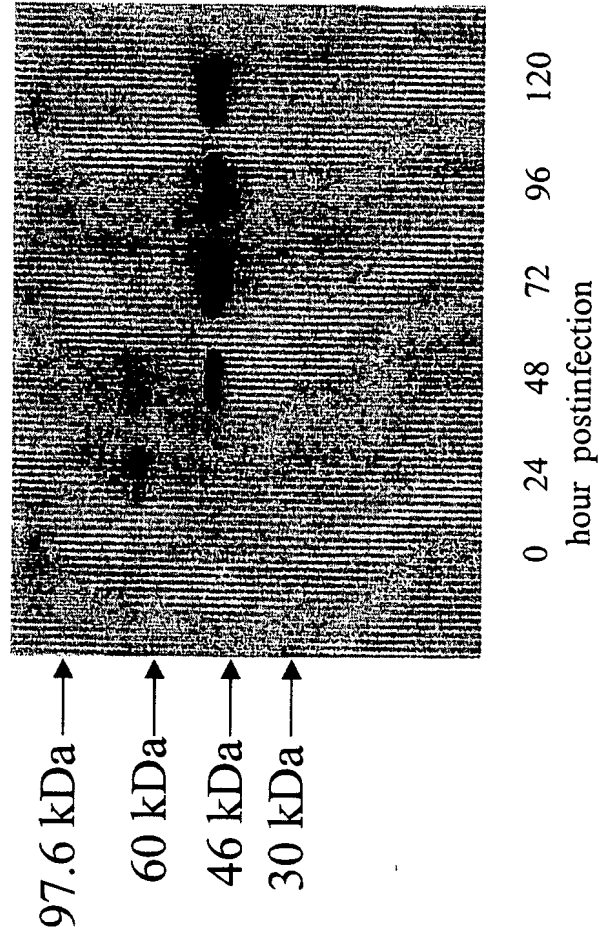


FIGURE 20

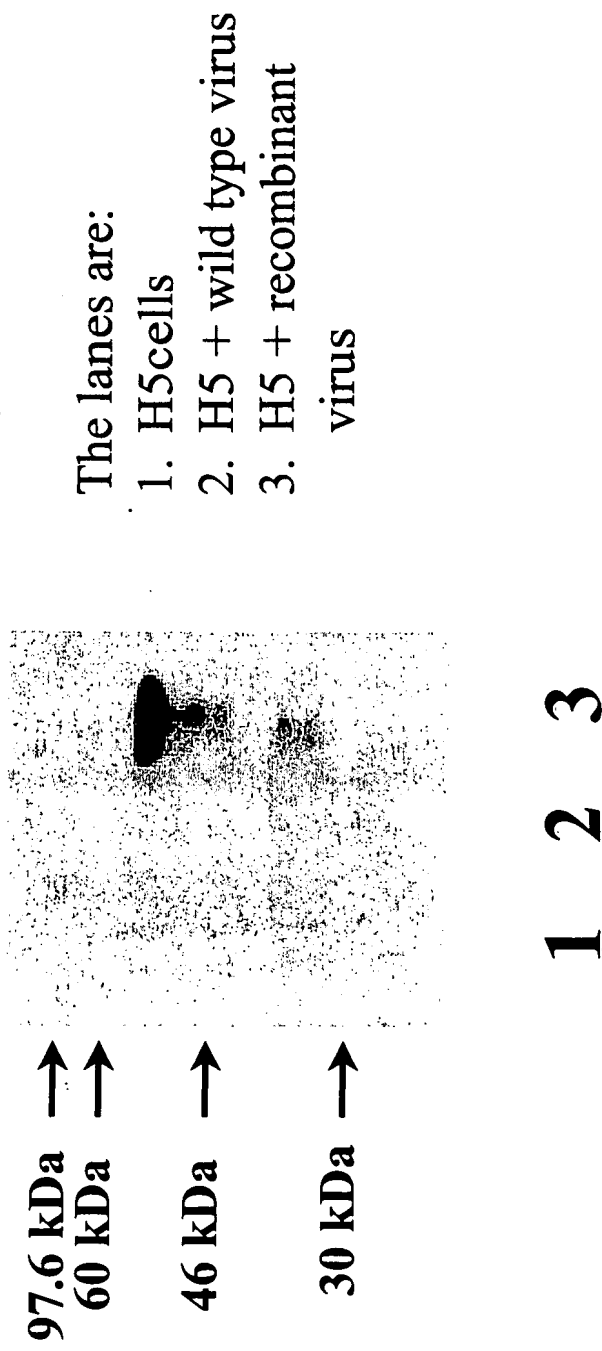


FIGURE 21

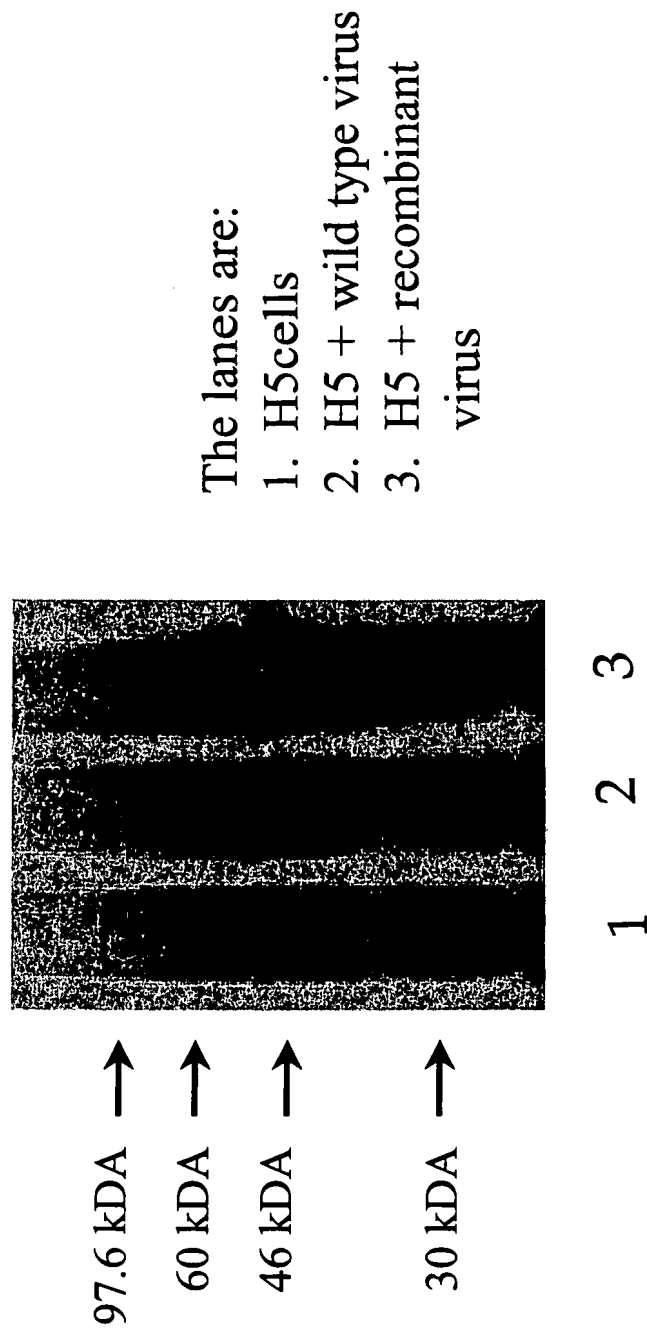


FIGURE 22

